ABSTRACT

Auto-calibration of multi-projector systems

The method for automatically calibrating a multi-projector system with at least two projectors, a digital camera and a control unit for controlling the projectors and the camera is performed according to the following steps:
- production, capture and image-filtering of strip patterns,
- finding the largest projection surface possible, and
- calculation of warp fields and image-warping.

(Fig. 7)